

Ch 4 Practice Exam

Directions: State the domain and range for the following relations and determine whether if it is a function.

1.

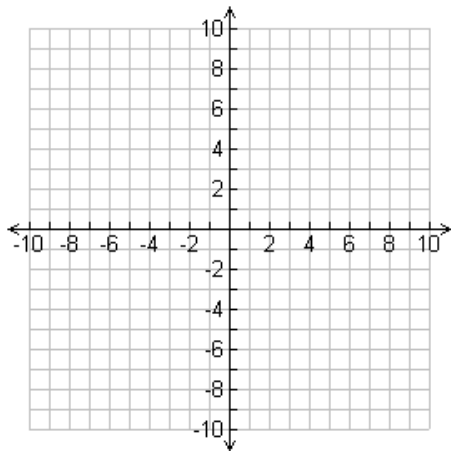
x	-3	-1	5	2	-4
y	3	5	1	2	5

Domain: _____

Range: _____

Function: Yes No

2.

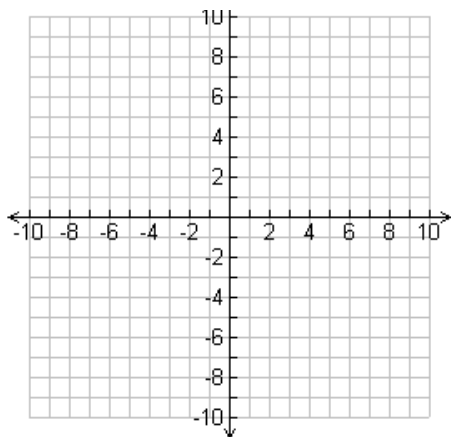


Domain: _____

Range: _____

Function: Yes No

3.



Domain: _____

Range: _____

Function: Yes No

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4. Determine the function that explains the given data.

x	y
5	-7
8	-10
17	-19
14	-16

Find y if $x = 61$

5. Determine the function that explains the given data.

13, 16, 19, 22, 25,

Find the 81st term.

6. Determine the function that explains the given data.

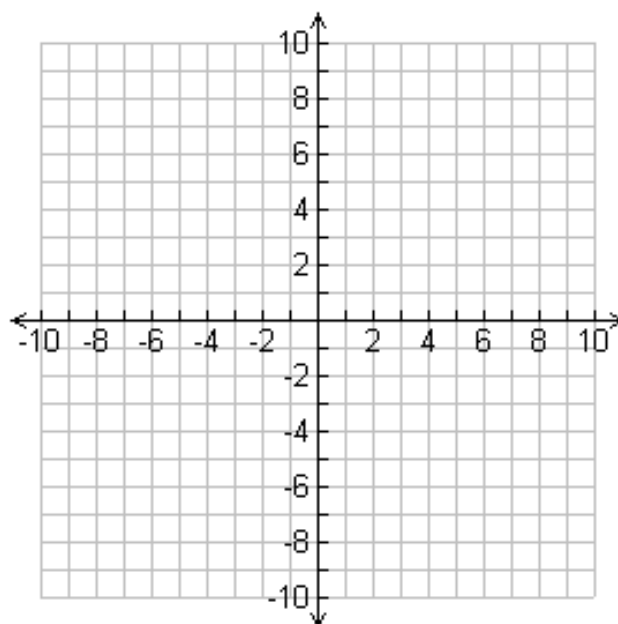
x	y
-3	-4
-5	-2
1	-8
-8	2

Find y if $x = 57$.

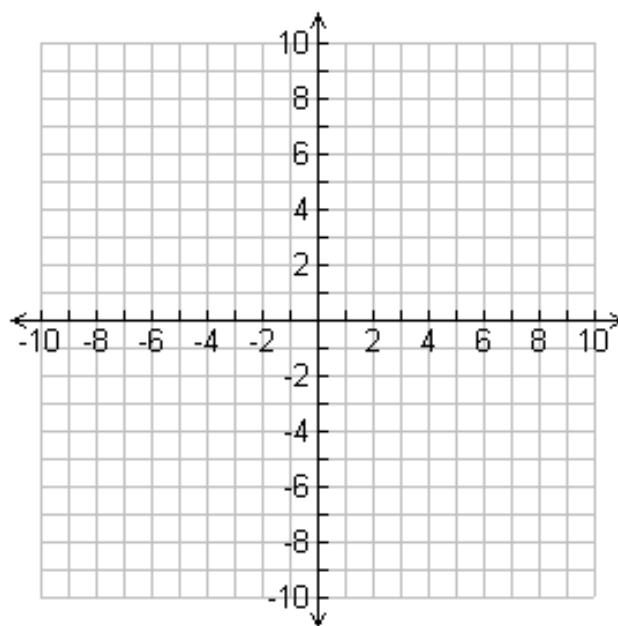
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Directions Graph the following Functions.

7. $f(x) = \frac{1}{2}x - 1$



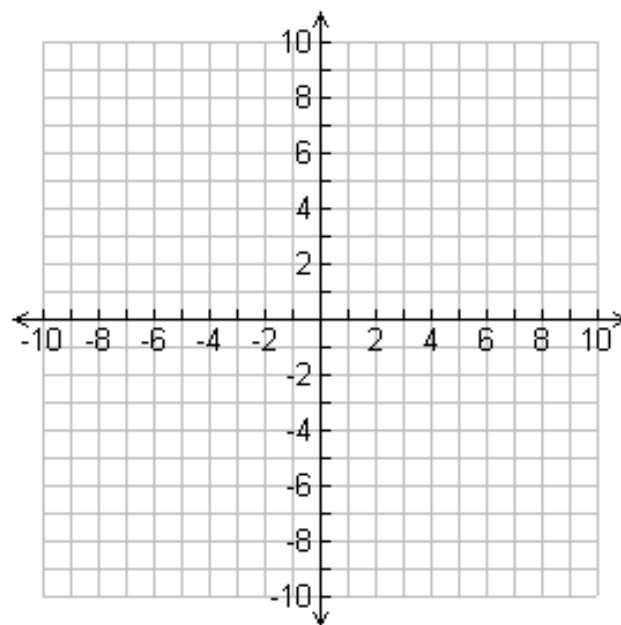
8. $y = 4x + 2$



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9. Write the following in terms of x then graph.

a.) $3x - y = 1$



b.) $2x - 4y = 16$

